

What is Claimed is:

1. A digital signal conversion system for storing, retrieving, and converting real time digital signals to audio signals allowing for subsequent transmission and audio reception. Said system comprising:

5 at least one airline computerized reservation system serving as digital source computer;
at least one flight information file server communicably attached to the digital source computer;

at least one flight information database communicably attached to the flight information file server;

10 at least one data output means in communication with the digital source computer;
at least one local airport LAN communicably attached to the flight information file server;

15 at least one signal conversion computer communicably attached to the local airport LAN;
at least one signal conversion computer database communicably attached to the signal conversion computer;

20 an audio production capability in communication with the signal conversion computer;
a city code differentiation means in communication with the signal conversion computer;
an announcement generation means resident within the signal conversion computer;
at least one telephone circuit communicably attached to the signal conversion computer;
at least one airport location radio transmission LAN in communication with the telephone circuit;

at least one equalizer communicably attached to airport location radio transmission LAN;

at least one airport location radio transmitter communicably attached to the equalizer;
at least one airport location radio antennae communicably attached to the airport location
radio transmitter.

5 2. The digital signal conversion system in accordance with claim 1 where the data
output means is a printer.

 3. The digital signal conversion system in accordance with claim 1 where the data
output means is a monitor.

 4. The digital signal conversion system in accordance with claim 1 where the audio
production capability data is a personal computer audio plug.

 5. The digital signal conversion system in accordance with claim 1 where the city
code differentiation means is a personal computer spelling disk.

 6. The digital signal conversion system in accordance with claim 1 where the
telephone circuit is a dedicated line.

20 7. The digital signal conversion system in accordance with claim 1 where the
telephone circuit is a signal transmission capability within a vertical network.

8. A computer readable memory containing a computer program for audible announcement generation comprising:

instructional means for retrieving flight information stored on the flight information database;

instructional means for storing retrieved flight information on the signal conversion computer database;

instructional means for loading the signal conversion computer software configuration;

instructional means for initializing the signal conversion computer airport location radio transmission LAN;

instructional means for retrieving flight information from the signal conversion computer database;

instructional means for sorting retrieved flight information into a desired sequence;

instructional means for articulating sequenced flight information;

instructional means for articulating standardized opening messages;

instructional means for determining an end program sequence termination request;

instructional means for verifying active signal conversion status.

9. The computer readable memory for announcement generation comprising in accordance with Claim 8 wherein the instructional means for determining an end program sequence termination request further comprises the steps of:

instructional means for determining if the signal conversion computer ESC key has been depressed;

instructional means for terminating signal conversion computer application program processing.

10. The computer readable memory for announcement generation comprising in accordance with Claim 8 wherein the instructional means for verifying active signal conversion status further comprises the steps of:

instructional means for determining if flight information is being received from the flight information file server;

instructional means for reinitializing the signal conversion computer if flight information is not being received from the flight information file server;

instructional means for retrieving flight information from the signal conversion computer database;

instructional means for loading the signal conversion computer software configuration;

instructional means for initializing the signal conversion computer airport location radio transmission LAN;

instructional means for playing standardized opening messages;

instructional means for retrieving flight information from the signal conversion computer database;

instructional means for sorting retrieved flight information into a desired sequence;

instructional means for articulating sequenced flight information;

instructional means for determining an end program sequence termination request;

instructional means for verifying active signal conversion status.